PN - JP60021440 A 19850202
PD - 1985-02-02
PR - JP19830128920 19830715
OPD - 1983-07-15
TI - METHOD FOR MEASURING DISTRIBUTION OF LOCAL VOID RATE
IN - IIZUKA MASARU
PA - TOKYO SHIBAURA ELECTRIC CO
EC - G01N23/12
IC - G01N23/06 ; G21C17/02
CT - JP58123950 A [ ]

TI - Measuring void ratio distribution of gas-liq. phase flow - has detector for e.g X=rays radiated from source through two=phase flow
PR - JP19830128920 19830715
PN - JP60021440 A 19850202 DW198511 006pp
PA - (TOKE) TOSHIBA KK
IC - G01N23/06 ;G21C17/02
AB - J60021440 Method is claimed to measure the local void ratio distribution of a gas liq.-phase flow in a nuclear reactor. A detector for detecting X-rays or gamma rays radiated from a source through the 2-phase flow is scanned to measure the distribution, together with the source.
- Before starting the measurement, the projection data collection time is determined in advance. Based on this time, a controller for controlling a drive for scanning the detector and source is operated to control the drive.(0/8)
OPD - 1983-07-15
AN - 1985-065566 [11]

PN - JP60021440 A 19850202
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IN - IIZUKA MASARU
PA - TOSHIBA KK
TI - METHOD FOR MEASURING DISTRIBUTION OF LOCAL VOID RATE

B - PURPOSE:To measure the distribution of a local void rate accurately, by measuring a time when projection data is converged to a constant value in advance, and performing the measurement at this timing.

- CONSTITUTION:A density meter118 for X rays or gamma rays is arranged so as to hold a pipe 111, in which a sample to be checked flows. A time, when projection data is converged into a constant value, is measured in advance by the density meter118, and a collecting time of the projection data is determined. Based on the determined collecting time, a CT scanner device112 is actuated and the measurement is started. Namely, a driving device116 is controlled by a control device 117, a radiation source 113, which generates X rays or gamma rays, and a detector114 are made to scan, and the distribution of a local void rate in the pipe111 is measured. Thus the distribution of the local voik rate can be measured accurately.

I - G01N23/06 ;G21C17/02